

1636

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/930,480C

DATE: 08/21/2001
TIME: 08:22:48

Input Set : A:\st95021sqlt.txt
Output Set: N:\CRF3\08212001\H930480C.raw

3 <110> APPLICANT: BRACCO, Laurent
4 SCHWEIGHOFFER, Fabien
5 TOCQUE, Bruno
7 <120> TITLE OF INVENTION: Conditional Expression System
9 <130> FILE REFERENCE: ST95021-US
11 <140> CURRENT APPLICATION NUMBER: 08/930,480C
12 <141> CURRENT FILING DATE: 1998-01-21
14 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477
15 <151> PRIOR FILING DATE: 1996-03-29
17 <150> PRIOR APPLICATION NUMBER: FR95/-3841
18 <151> PRIOR FILING DATE: 1995-03-31
20 <160> NUMBER OF SEQ ID NOS: 35
22 <170> SOFTWARE: PatentIn version 3.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 19
26 <212> TYPE: DNA
27 <213> ORGANISM: Escherichia coli
29 <400> SEQUENCE: 1
30 tctctatcac tgatagggaa 19
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 17
35 <212> TYPE: DNA
36 <213> ORGANISM: Bacteriophage lambda
38 <400> SEQUENCE: 2
39 tattaccgcga agggata 17
42 <210> SEQ ID NO: 3
43 <211> LENGTH: 74
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 3
49 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
50 1 5 10 15
52 Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
53 20 25 30
55 Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
56 35 40 45
58 His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
59 50 55 60
61 Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
62 65 70
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 768
66 <212> TYPE: DNA
C--> 67 <213> ORGANISM: Artificial
69 <220> FEATURE:
70 <223> OTHER INFORMATION: ScFv against p53
72 <400> SEQUENCE: 4

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Input Set : A:\st95021sqlt.txt
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73 ttactcgccgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt	60
75 gtaaggtag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaaagac	120
77 tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt	180
79 gatcctaaga atggtgatac tgaatatgccc ccgaagttcc aqggcaaqgc cactatgact	240
81 gcagacacat cctccaatac agcctacacctg cagctcagca gcctggcatc tgaggacact	300
83 gccgtgtatt attgttaattt ttacggggat gctttggact attggggcca agggaccacg	360
85 gtacccgtct cctcagggtgg aggccgttca ggccggagggtg gctctggccg tggccgatcg	420
87 gatgtttga tgacccaaac tcacttcact ttgtcgttca cattggaca accagcctcc	480
89 atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg	540
91 ttgttacaga ggccaggcca gtcctccaaag cgcctaatct atctgggtgc taaaactggac	600
93 tctggagtcc ctgacagggtt cactggcagt ggatcaggga cagatttcac actaaaaatc	660
95 aacagagtgg aggctgagga ttggggagtt tattattgct ggcaaggtaa acattctccg	720
97 cttagtgcgttgcgttca caagctggaa attaaacggg cggccgcga	768

100 <210> SEQ ID NO: 5

101 <211> LENGTH: 15

102 <212> TYPE: PRT

C--> 103 <213> ORGANISM: Artificial

105 <220> FEATURE:

106 <223> OTHER INFORMATION: Peptide linker (hinge)

108 <400> SEQUENCE: 5

110 Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser

111 1 5 10 15

113 <210> SEQ ID NO: 6

114 <211> LENGTH: 10

115 <212> TYPE: PRT

C--> 116 <213> ORGANISM: Artificial

118 <220> FEATURE:

119 <223> OTHER INFORMATION: Peptide linker

121 <400> SEQUENCE: 6

123 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser

124 1 5 10

126 <210> SEQ ID NO: 7

127 <211> LENGTH: 30

128 <212> TYPE: DNA

C--> 129 <213> ORGANISM: Artificial

131 <220> FEATURE:

132 <223> OTHER INFORMATION: DNA encoding peptide linker

134 <400> SEQUENCE: 7

135 cccaaagccca gtacccccc aggttcttca

30

138 <210> SEQ ID NO: 8

139 <211> LENGTH: 6

140 <212> TYPE: PRT

C--> 141 <213> ORGANISM: Artificial

143 <220> FEATURE:

144 <223> OTHER INFORMATION: VSV epitope (tag peptide sequence)

146 <400> SEQUENCE: 8

148 Met Asn Arg Leu Gly Lys

149 1 5

151 <210> SEQ ID NO: 9

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Input Set : A:\st95021sqlt.txt

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156 <220> FEATURE:
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160 atgaaccggc tggcaag 18
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 11
165 <212> TYPE: PRT
C--> 166 <213> ORGANISM: Artificial
168 <220> FEATURE:
169 <223> OTHER INFORMATION: myc epitope (peptide tag sequence)
171 <400> SEQUENCE: 10
173 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
174 1 5 10
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 33
178 <212> TYPE: DNA
C--> 179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <223> OTHER INFORMATION: DNA encoding myc epitope
184 <400> SEQUENCE: 11
185 gaacaaaaac tcatctcaga agaggatctg aat 33
188 <210> SEQ ID NO: 12
189 <211> LENGTH: 7
190 <212> TYPE: PRT
C--> 191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: SV40 virus nuclear localization peptide
196 <400> SEQUENCE: 12
198 Pro Lys Lys Lys Arg Lys Val
199 1 5
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 4
203 <212> TYPE: PRT
C--> 204 <213> ORGANISM: Artificial
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Repeating unit of cationic polymer
209 <400> SEQUENCE: 13
211 Leu Lys Leu Lys
212 1
214 <210> SEQ ID NO: 14
215 <211> LENGTH: 4
216 <212> TYPE: PRT
C--> 217 <213> ORGANISM: Artificial
219 <220> FEATURE:
220 <223> OTHER INFORMATION: repeating unit of cationic polymer
222 <400> SEQUENCE: 14

RAW SEQUENCE LISTING

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Input Set : A:\st95021sqlt.txt

Output Set: N:\CRF3\08212001\H930480C.raw

224 Leu Lys Lys Leu
 225 1
 227 <210> SEQ ID NO: 15
 228 <211> LENGTH: 23
 229 <212> TYPE: DNA
C--> 230 <213> ORGANISM: Artificial
 232 <220> FEATURE:
 233 <223> OTHER INFORMATION: plasmid fragment
 235 <400> SEQUENCE: 15
 236 gatccttatca ccgcaaggga taa 23
 239 <210> SEQ ID NO: 16
 240 <211> LENGTH: 23
 241 <212> TYPE: DNA
C--> 242 <213> ORGANISM: Artificial
 244 <220> FEATURE:
 245 <223> OTHER INFORMATION: pcr primer
 247 <400> SEQUENCE: 16
 248 agctttatcc cttgcggta tag 23
 251 <210> SEQ ID NO: 17
 252 <211> LENGTH: 76
 253 <212> TYPE: DNA
C--> 254 <213> ORGANISM: Artificial
 256 <220> FEATURE:
 257 <223> OTHER INFORMATION: pcr primer
 259 <400> SEQUENCE: 17
 260 ggctctagac ccaagccag taccggccca ggttcttcaa cgctgtggatc catgtccaga 60
 262 ttagataaaa gtaaaag 76
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 266 <211> LENGTH: 51
 267 <212> TYPE: DNA
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 270 <220> FEATURE:
 271 <223> OTHER INFORMATION: pcr primer
 273 <400> SEQUENCE: 18
 274 cgtacggaat tcggggccctt actcgaggga cccactttca catttaagtt g 51
 277 <210> SEQ ID NO: 19
 278 <211> LENGTH: 76
 279 <212> TYPE: DNA
C--> 280 <213> ORGANISM: Artificial
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 285 <400> SEQUENCE: 19
 286 ggctctagac ccaagccag taccggccca ggttcttcaa cgctgtggatc catggAACAA 60
 288 cgcataaccc tgaaaag 76
 291 <210> SEQ ID NO: 20
 292 <211> LENGTH: 51
 293 <212> TYPE: DNA
C--> 294 <213> ORGANISM: Artificial
 296 <220> FEATURE:

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Input Set : A:\st95021sqlt.txt

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297 <223> OTHER INFORMATION: pcr primer
 299 <400> SEQUENCE: 20
 300 cgtacggaat tcggccctt actcgagtgc tgggttttt ttgttactcg g 51
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 304 <211> LENGTH: 35
 305 <212> TYPE: DNA
C--> 306 <213> ORGANISM: Artificial
 308 <220> FEATURE:
 309 <223> OTHER INFORMATION: pcr primer
 311 <400> SEQUENCE: 21
 312 caggccatgg catgaagaaa ccactggatg gagaa 35
 315 <210> SEQ ID NO: 22
 316 <211> LENGTH: 43
 317 <212> TYPE: DNA
C--> 318 <213> ORGANISM: Artificial
 320 <220> FEATURE:
 321 <223> OTHER INFORMATION: pcr primer
 323 <400> SEQUENCE: 22
 324 cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc 43
 327 <210> SEQ ID NO: 23
 328 <211> LENGTH: 31
 329 <212> TYPE: DNA
C--> 330 <213> ORGANISM: Artificial
 332 <220> FEATURE:
 333 <223> OTHER INFORMATION: pcr primer
 335 <400> SEQUENCE: 23
 336 caggctcgag aagaaccac tggatggaga a 31
 339 <210> SEQ ID NO: 24
 340 <211> LENGTH: 61
 341 <212> TYPE: DNA
C--> 342 <213> ORGANISM: Artificial
 344 <220> FEATURE:
 345 <223> OTHER INFORMATION: pcr primer
 347 <400> SEQUENCE: 24
 348 caggctcgag cccaagccca gtacccccc aggttcttca aagaaccac tggatggaga 60
 350 a 61
 353 <210> SEQ ID NO: 25
 354 <211> LENGTH: 37
 355 <212> TYPE: DNA
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 358 <220> FEATURE:
 359 <223> OTHER INFORMATION: pcr primer
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 365 <210> SEQ ID NO: 26
 366 <211> LENGTH: 29
 367 <212> TYPE: DNA
C--> 368 <213> ORGANISM: Artificial
 370 <220> FEATURE:

VERIFICATION SUMMARY

PATENT APPLICATION: US/08/930,480C

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Input Set : A:\st95021sqlt.txt

Output Set: N:\CRF3\08212001\H930480C.raw

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L:191 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:204 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
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L:268 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:280 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:294 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
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L:318 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:330 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:342 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:356 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:368 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:380 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:392 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:404 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:416 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:428 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:440 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:452 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:464 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:476 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35